

Please replace the paragraph at page 1, line 8 to line 11, with the following rewritten paragraph:

a<sub>2</sub>  
--The present invention relates generally to molecules involved in the Hedgehog (Hh) signaling pathways that are pertinent for cell growth and differentiation. Additionally, the invention relates to identification and isolation of novel DNA having homology to DNA encoding human suppressor of fused ("hSu(fu)"), and to the recombinant production of novel polypeptides, designated herein as hSu(fu) and alternatively as hSu(fu).--

Please replace the paragraph at page 3, line 23-25, with the following rewritten paragraph:

a<sub>3</sub>  
--A cDNA clone (DNA33455) (SEQ ID NO:1) has been identified that encodes a novel polypeptide designated "hSu(fu)" or PRO1280. In one embodiment, the invention provides an isolated nucleic acid molecule comprising a nucleic acid sequence encoding a hSu(fu) polypeptide.--

Please replace the paragraphs at page 7, line 33 to line 38, with the followed rewritten paragraph:

a<sub>4</sub>  
--Figure 9 presents a 346 bp nucleotide sequence of an EST human brain cDNA sequence identified as an NT2 neuronal precursor 937230 cDNA (GenBank Accession No. AA223637) (SEQ ID NO:3), with similarity to a Suppressor of Fused gene. EST was provided by Hillier, et al. via The Washington University-HHMI Mouse EST Project.

Figure 10 shows an amino acid sequence a hSu(fu) epitope flag protein (SEQ ID NO:9).

Figure 11 shows an amino acid sequence hSu(fu)-GST protein (SEQ ID NO:10).--

Please replace the paragraph at page 39, line 25 to line 31 with the following rewritten paragraph:

--PCR primers (forward and reverse) were synthesized:

a<sub>5</sub>  
forward PCR primer 5'-CAGCCGAACCCGCTCCAGGTTAC-3' (SEQ ID NO:6)

reverse PCR primer 5'-CATGGACTCTGTTGTCACCATAGAG-3' (SEQ ID NO:7)

Additionally, a human fetal lung pRK5 mammalian expression library was screened with a synthetic oligonucleotide hybridization probe that was constructed from the consensus DNA33454 sequence which had the following nucleotide sequence:

hybridization probe

5'-GAGCACTGGCACTACATCAGCTTTGGCCTGAGTGATCTCT-3' (SEQ ID NO:8)